## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	jp-2002076670-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 08:49
S2	2	jp-11204984-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 08:50
<b>S</b> 3	2	jp-10224075-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 08:51
S4	393	342/1.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 10:30
S5	288	342/4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:01
S6	144	S5 not S4	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2008/09/02 11:01
S7	17445	H05K009/00.1PC.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:22

S8	7826	H05K009/00.1PCO.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:23
S9	1599	H05K009/00.1PCP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:23
S10	771	S8 and absorber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:25
S11	125	S9 and absorber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:25
S12	748	S10 not S11 not S4 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 11:47
S13	5	("5453328" "5455116" "5855988" "5627541" "6225939").pn.	USPAT	OR	ON	2008/09/03 09:33
S14	23	("2951247"   "3152328"   "3887920"   "4118704"   "4162496"   "4495503"   "4972191"   "4996097"   "5047296"   "5085931"   "5110651"   "5214432"   "5225454"   "5275880"   "5325094"   "5457598"   "553716"   "5543796"   "5632593") N. OR ("6225939") UPPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 09:39
S15	2	jp-11204984-\$	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/03 10:45

S16	2	jp-10224075-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/03 12:17
S17	2	"5576710".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 13:33
S18	2	ep-1195847-\$	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 13:35
S19	2	jp-2003069278-\$	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 13:36
S20	0	ep-0871240-\$	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 13:37
S21	2	"5940022".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 13:37
S22	2	"5576710".pn.	US-PGPUB; US-PAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 13:15
S23	19	(342/1 342/4).cols. and @pd>"20080902"	US-PGPUB; US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/07/22 13:59

S24	189	(342/2 342/3).cdls.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:05
S25	99	(342/2 342/3).ccls. not (342/1 342/4).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:05
₩6	129	("2464006"   "2527918"   "259944"   "2674644" "2771602"   "2797201" "2841786"   "2979201" "29841786"   "29952426" "2993245"   "2992426" "3998709"   "2996710" "3061495"   "3152328" "3185986"   "3276895" "3295131"   "3152328" "3315261"   "3315259" "3343020"   "33427619" "3343020"   "3540047" "3542939"   "3622437" "3623099"   "3680037" "3705432"   "3707414" "3708871"   "3729756" "3793404"   "3835208" "3752899"   "3754255" "3789404"   "3835208" "3996654"   "4021589" "403174"   "4075967" "403174"   "4173018" "4037161"   "4118704" "4156033"   "4173018" "4229491"   "4301456" "4439768"   "4448106" "44520562"   "4538151" "4539433"   "445877965" "4459431"   "449874" "4520562"   "4538151" "4539431"   "4498874" "4520562"   "4538151" "4539431"   "4498874" "4560445"   "4589569"   "4494874" "4560445"   "4589569"   "4494874" "4520562"   "4538151" "439434"   "4791419" "4888590"   "461946" "4675690"   "4684952" "4784449"   "4791419" "4888590"   "3250904"   "4825569"   "4791419" "4888590"   "3250904"   "4782549"   "4791419" "4888590"   "5525094"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22

S27		("488322"   "4771294"   "4987425"   "5030935"   "5229849"   "5276528"   "5384575"   "5576710"   "6886671"   "6031494"   "6204825"   "6337661"). PN. OR ("6862001"). URPN.	US-PGPUB; USPAT; USOCR	mOR	ON	2009/07/22 14:33
S28	15	("3148370"   "3864690"   "4656487"   "4785310"   "4814785").PN. OR ("5384575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 14:37
S29	39	("20110050654"   "2897497"   "3541559"   "4021812"   "4097868" "4189268"   "4186400"   "4259674"   "4299071"   "4343002"   "4495506"   "4514734"   "4638324"   "4701765"   "4812855"   "4876548"   "4916453"   "4970634"   "5103241"   "5231406"   "5260968"   "5384259"   "5384575"   "5455594"   "5497169"   "5543815"   "5563614"   "5612706"   "55949387"   "6052098"   "6147572"   "6195062"   "6298316"   "6218978"   "6396451"   "639472") N. OR ("69007637). UFRN.	USPGPUB; USPAT; USOOR	OR	ON	2009/07/22
S30	15	("3148370"   "3864690"   "4656487"   "4785310"   "4814785").PN. OR ("5384575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 15:33
S31	17	("2978702"   "3148370"   "3560986"   "3633206"). PN. OR ("3864690"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 15:36
S32	2	"5223849".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 15:40
S33	29	("3185986"   "4439768"   "4525720"   "4539433"   "4605934"   "4675690"   "4684952"   "4742354"). PN. OR ("5223849"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 15:40

S34	1	"20030156055".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 16:33
S35	29	("3185986"   "4439768"   "4525720"   "4539433"   "4605934"   "4675690"   "4684952"   "4742354"). PN. OR ("5223849"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/24 14:46
S36	7	(342/1-4).cds. and @pd> "20090722"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:24
S37	416	342/1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S38	302	342/4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S39	8027	H05K009/00.1PCO.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S40	2447	H05K009/00.1PCP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S41	787	S39 and absorber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S42	189	S40 and absorber	US-PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25

S43	748	S41 not S42 not S37 not S38	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S44	54	(S42 S43) and @pd>"20080902"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/13 13:25
S45	138	("2464006"   "2527918"   "2599944"   "257901" "2841786"   "2898561" "2929425"   "2992426" "2992425"   "2992426" "3081495"   "3152328" "3185986"   "3230184" "3247188"   "3276895" "3295131"   "3152328" "3315261"   "3152328" "3315261"   "315299" "3341293"   "3427619" "3443020"   "3540047" "3542939"   "3682437" "3623099"   "3680037" "3623099"   "3680037" "3752899"   "3752899"   "3752899" "3795432"   "377903" "3752899"   "375255" "3789404"   "3355208" "37993664"   "4021589" "4040165"   "447174"   "4024318" "4037099"   "4038660" "4040165"   "447174" "4118704"   "4156033" "4173018"   "4229431" "4301466"   "4477129" "4301466"   "4477129" "4493874"   "4520562" "458151"   "459562" "458151"   "459562" "458151"   "459562" "458151"   "459562" "4581484"   "4605966" "4614946"   "4675690" "4684952"   "4716417" "47144354"   "478449" "473449"   "478449" "473449"   "4788850" "4825564")   PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14

		("5576710" URPN.	"5940022").				
346	129		"2527918"	US-PGPUB;	OR	ON	2010/01/14
	1		"2674644"	USPAT; USOCR		•	09:54
			"2797201"				
	***		"2898561"				
			"2951247"				
	-	"2992425"	"2992426"				**
			"2996710"			***	
			"3152328"				
	*		"3230184"				
			"3276895"				
	-		"3315259"				•
			"3316139"			*	
			"3427619"				
	*		"3540047"				
			"3622437"				
	-		"3680037"				
		"3705432"	"3707414"				
			"3729756"				
			"3737903"				
		"3752899"	"3754255"			***	
			"3835208"				
			"3887920"				
	*		"4021589"				
			"4037009"				
	*	"4038660"	"4040165"				
		"4047174"	"4075967"		***		
			"4118704"				
			"4173018"				
			"4301456"				
			"4448106"				
			"4493874"				
		"4520562"	"4538151"			*	
		"4539433"	"4557965"				
	***	"4560445"	"4581284"	***	No.		
		"4605934"	"4606848"			*	
	•	"4606966"	"4614946"				
		"4675690"	"4684952"				
		"4716417"	"4742354"				
	*	"4748449"	"4791419" j	***			
	***	"4888590"	"5325094"				
		"Re25564")	.PN. OR			*	
	1	("5576710"	.URPN.				

47	140	("20010050	654"	US-PGPUB;	OR	ON	2010/01/14
	*	"2897497"	"2951247"	USPAT; USOCR		•	09:57
		"3148370"	"3152328"				
	-	"3185986"	"3541559"				
		"3864690"	"3887920"			•	
		"4021812"	"4097868"				
			"4162496"				
		"4169268"	"4186400"				
		"4259674"	"4290071"			*	
		"4343002"	"4439768" i				
	1	"4495503"	"4495506"				
			"4525720"				
			"4605934"			*	
			"4656487"				
			"4684952"				
			"4742354"				
	-		"4771294"				
	i		"4812855"				
	*		"4876548"			***	
			"4970634"				
	-		"4987425"				
			"5047296"				
	*		"5103241"			**	
	1		"5130718"				
			"5160936"			***	
			"5208603"				
			"5225454"				
	1		"5260968"				
			"5276455"				
	-		"5373302"		ì		
			"5384575" I				
	-		"5457598"				
	i		"5497169"				
	*		"5543796"			***	
			"5563614" I				
			"5612706"				
			"5635293"			*	
			"5949387" I				
			"6147572"		I		
			"6204825"			***	
			"6218978"				
			"6563472").				
	*	PN. OR ("48				***	
						*****	
	*		"5384575"				
	*		"6225939"				
	*		"6900763").				
	1	URPN.				**	

S48	75		"2717312"	US-PGPUB;	OR	ON	2010/01/14
	i	"2877286"	"2951247"	USPAT; USOCR			10:05
		"2996710"	"3152328"				
	1		"3315261"				
		"3349396"	"3349397"				
		"3431348"	"3453620"				
		"3662387"	"3680107" j				
			"4118704"				
	i		"4495503" i				
		"4972191"	"4996097"				
			"5085931"				
	-		"5214432"				
	i		"5225454"				
			"5325094"				
			"5537116"				
			"5576710"				
			"5635293").				
	***	PN. OR ("54					
			"5627541"				
	*		"6225939").				6
		URPN.	0223333 ).				***
S49	185		"2527918"	US-PGPUB;	OR	ON	2010/01/14
	*		"2599944"	USPAT; USOCR			10:08
		"2674644"	"2771602"				
	-	"2797201"	"2841786"		Ì		
		"2898561"	"2921312"				
		"2923934"	"2951246"				
		"2951247"	"2992425"				
	1	"2992426"	"2996709"				
		"2996710"	"3061495"				
		"3152328"	"3184742"				
		"3185986"	"3206749"	1			
	*	"3230184"	"3247158"		waste.		6
		"3276895"	"3295131"				
	-	"3315259"	"3315261"	1			
		"3316139"	"3381293"				
			i "3443020" i				
		3	"3542939"		***************************************		
			"3623099"				•
			"3705432"				
	***		"3708871"				
			"3733606"		***************************************		
	*		"3752899"		The state of the s		6
	*	"3754255"					1
	***		"3849350"				***
			"3996654"				
			"4023174"				
	*		4023174     "4037009"				9
							6
	***************************************		"4040165"				
			"4075967"				100
	***		"4118704"				***
			"4173018"				
	1		"4301456"				
			"4448106"				9
			"4493874"				6
	4	"4520562"	"4538151"				

	жининин	"4539433"   "4557965"   "4560445"   "4581284"   "4606966"   "4614946"   "4605966"   "4614946"   "4761457"   "4762454"   "476457"   "4764554"   "478449"   "4791419"   "5881455"   "5140338"   "5180513"   "5259694"   "5325094"   "5394150"   "5770304"   "5777586"   "57833770"   "Pe25564") PN. OR ("3887920"   "5576710"   "5940022"				
S50	111	("20040100343"   "20070139247"   "4905014"   "6020853"   "6091365"   "6396449"   "6744411"   "6795020"   "6885355"   "6900763"   "7053832").PN. OR ("7623088").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 10:14

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S51		(absorb\$3 and conduct \$3 and cross and (quadrangle square rectang\$4) and arc\$3). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/14 12:38

## 1/14/2010 12:50:08 PM

C:\ Documents and Settings\ cgalt\ My Documents\ EAST\ Workspaces\ 10591539.wsp